



Kentucky HIV/AIDS Semi-Annual Report

Volume 2 Number 2

Year End
December 31, 2002

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This report may be accessed through the Kentucky Department for Public Health web site. The web address for the HIV/AIDS program is <http://publichealth.state.ky.us/hiv-aids.htm>.

The HIV/AIDS web site not only contains copies of HIV/AIDS statistical reports for the past three years but also lists information on HIV prevention, HIV/AIDS surveillance, and services for those persons living with HIV/AIDS. In addition, a list of approved HIV/AIDS continuing education courses for health professionals may be accessed through the web site.

Cumulative Kentucky AIDS Cases as of December 31, 2002

<u>Type of Case</u>	<u>Number of Cases</u>
AIDS Cases both living and deceased	3,867
Cases living with AIDS	2,061

The HIV/AIDS Semi-Annual Report
is produced by:

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Kentucky HIV/AIDS Semi-Annual Report Data Sources and Limitations

The HIV/AIDS Semi-Annual Report presents data regarding AIDS cases diagnosed and reported to the Kentucky Department for Public Health, HIV/AIDS Program through December 31, 2002.

According to state regulation 902 KAR 2:020, Section 7, health professionals licensed under KRS chapters 311 through 314, health facilities licensed under KRS chapter 216B and laboratories licensed under KRS chapter 333 are required to report HIV and AIDS cases to the Kentucky Department for Public Health within five business days of diagnosis. AIDS cases are reported by name, while HIV cases are reported by 'Unique Identifier' consisting of the person's initials of last and first name; date of birth; and last four digits of Social Security number. HIV tests can be either anonymous or confidential; however, only those confidential HIV positive cases are reported to the Kentucky Department for Public Health.

HIV and AIDS cases who reside in the Kentucky counties of Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer and Trimble are reported to an HIV/AIDS surveillance nurse consultant at the Jefferson County Health Department. All other HIV and AIDS cases are reported to an HIV/AIDS surveillance representative at the Kentucky Department for Public Health. Case information from both sites is combined at the Kentucky Department for Public Health to produce this report.

New Kentucky HIV/AIDS reporting requirements including 'Unique Identifier' reporting for HIV cases were adopted as of December 15, 2000. Data from the new HIV reporting system will not be released until a complete evaluation of this system is performed and the effectiveness of the unique code is determined.

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AIDS Cases by Report Date and Diagnosis Date

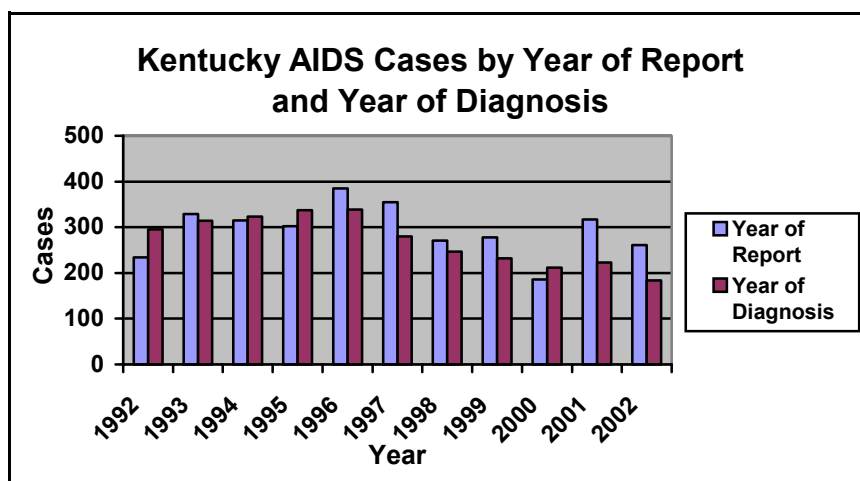
Date of Report: When an HIV or AIDS case is reported to the Kentucky HIV/AIDS Program

Date of Diagnosis: When an HIV or AIDS case is actually diagnosed

Key Difference: A case may be diagnosed in one year and not reported for many years later. For this reason, date of diagnosis is used to examine epidemiologic trends.

Year	AIDS Cases by Year of Diagnosis	AIDS Cases by Year of Report
1992	295	234
1993	314	329
1994	323	315
1995	337	302
1996	339	385
1997	280	355
1998	247	271
1999	232	278
2000	212	186
2001	223	317*
2002	184	261

*The increase in reported cases for the year 2001 may be due to a change in reporting regulations, which were adopted as of December 15, 2000, requiring laboratories to report positive HIV test results to the Department for Public Health.



Adult/Adolescent ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Characteristics	1982-96	%	1997	%	1998	%	1999	%	2000	%	2001	%	2002 ⁽²⁾	%	Total	% ⁽³⁾
<u>GENDER</u>																
Male	2197	89%	237	85%	206	84%	177	77%	174	82%	193	87%	137	75%	3321	87%
Female	269	11%	43	15%	40	16%	53	23%	37	18%	30	13%	45	25%	517	13%
TOTAL	2466	100%	280	100%	246	100%	230	100%	211	100%	223	100%	182	100%	3838	100%
<u>AGE AT DIAGNOSIS</u>																
13-19	22	1%	1	0%	1	0%	1	0%	0	0%	3	1%	0	0%	28	1%
20-29	512	21%	38	14%	32	13%	36	16%	27	13%	33	15%	28	15%	706	18%
30-39	1190	48%	136	49%	115	47%	105	46%	98	46%	76	34%	68	37%	1788	47%
40-49	544	22%	85	30%	72	29%	65	28%	57	27%	81	36%	57	31%	961	25%
>49	198	8%	20	7%	26	11%	23	10%	29	14%	30	13%	29	16%	355	9%
TOTAL	2466	100%	280	100%	246	100%	230	100%	211	100%	223	100%	182	100%	3838	100%
<u>RACE</u>																
White	1804	73%	167	60%	152	62%	138	60%	116	55%	132	59%	111	61%	2620	68%
African-American	629	26%	99	35%	84	34%	87	38%	83	39%	82	37%	61	34%	1125	29%
Other	33	1%	14	5%	10	4%	5	2%	12	6%	9	4%	10	5%	93	2%
TOTAL	2466	100%	280	100%	246	100%	230	100%	211	100%	223	100%	182	100%	3838	100%
<u>RISK</u>																
MSM ⁽⁴⁾	1524	62%	143	51%	120	49%	115	50%	93	44%	101	45%	60	33%	2156	56%
IDU ⁽⁵⁾	312	13%	45	16%	35	14%	32	14%	25	12%	20	9%	14	8%	483	13%
MSM and IDU	160	6%	18	6%	17	7%	5	2%	6	3%	9	4%	7	4%	222	6%
Hemophilia/Coagulation Disorder	75	3%	2	1%	2	1%	0	0%	3	1%	1	0%	0	0%	83	2%
Heterosexual ⁽⁶⁾	265	11%	34	12%	38	15%	34	15%	25	12%	19	9%	13	7%	428	11%
Transfusion	40	2%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%	42	1%
Undetermined ⁽⁷⁾	90	4%	38	14%	34	14%	42	18%	59	28%	73	33%	88	48%	424	11%
TOTAL	2466	100%	280	100%	246	100%	230	100%	211	100%	223	100%	182	100%	3838	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Data for the year 2002 are provisional due to reporting delays.

(3) Percentages may not total to 100 due to rounding.

(4) MSM= Men Having Sex with Men

(5) IDU = Injecting Drug User

(6) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(7) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, deceased, lost to follow-up, refused interview, and persons whose mode of exposure remains undetermined after investigation.

Pediatric ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Risk Factor	1982-96	%	1997	%	1998	%	1999	%	2000	%	2001	%	2002 ⁽²⁾	%	Total	% ⁽³⁾
Hemophilia/Coagulation Disorder	4	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	14%
Perinatal	18	78%	0	0%	1	100%	2	100%	1	100%	0	0%	2	100%	24	83%
Transfusion	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	3%
Total	23	100%	0	0%	1	100%	2	100%	1	100%	0	0%	2	100%	29	100%

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Data for the year 2002 are provisional due to reporting delays.

(3) Percentages may not total to 100 due to rounding.

CUMULATIVE ADULT/ADOLESCENT ⁽¹⁾ AIDS CASES BY RISK, RACE, AND GENDER 12/31/02									
Risk	White		African American		Other		TOTAL		
	No.	%	No.	%	No.	%	No.	% ⁽²⁾	
MALE	MSM ⁽³⁾	1731	73%	400	45%	25	35%	2156	65%
	IDU ⁽⁴⁾	142	6%	188	21%	17	24%	347	10%
	MSM and IDU	144	6%	74	8%	4	6%	222	7%
	Hemophilia/Coagulation Disorder	74	3%	8	1%	0	0%	82	2%
	Heterosexual	102	4%	76	9%	6	8%	184	6%
	Transfusion/Transplant	23	1%	4	0%	0	0%	27	1%
	Undetermined	144	6%	139	16%	20	28%	303	9%
	TOTAL	2360	100%	889	100%	72	100%	3321	100%
FEMALE	IDU ⁽⁴⁾	62	24%	69	29%	5	24%	136	26%
	Hemophilia/Coagulation Disorder	1	0%	0	0%	0	0%	1	0%
	Heterosexual ⁽⁵⁾	135	52%	100	42%	9	43%	244	47%
	Transfusion/Transplant	11	4%	4	2%	0	0%	15	3%
	Undetermined ⁽⁶⁾	51	20%	63	27%	7	33%	121	23%
	TOTAL	260	100%	236	100%	21	100%	517	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Percentages may not total to 100 due to rounding.

(3) MSM = Men Having Sex with Men

(4) IDU = Injecting Drug User

(5) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(6) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, dead, lost to follow-up, refused interview, and persons whose mode of exposure remain undetermined after investigation.

CUMULATIVE PEDIATRIC ⁽¹⁾ AIDS CASES BY RISK AND RACE 12/31/02								
Risk	White		African American		Other		TOTAL	
	No.	%	No.	%	No.	%	No.	% ⁽²⁾
Hemophilia/Coagulation Disorder	3	20%	1	7%	0	0%	4	14%
Perinatal	11	73%	13	93%	0	0%	24	83%
Transfusion	1	7%	0	0%	0	0%	1	3%
TOTAL	15	100%	14	100%	0	0%	29	100%

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Percentages may not total to 100 due to rounding

Kentucky AIDS Deaths ⁽¹⁾ 2000 - All Ages									
	White			African American			Total		
	Deaths	Rate ⁽²⁾	Rank ⁽³⁾	Deaths	Rate ⁽²⁾	Rank ⁽³⁾	Deaths	Rate ⁽²⁾	Rank ⁽³⁾
Male	35	2.0	23rd	16	11.1	13th	51	2.6	22nd
Female	7	0.4	30th	5	3.3	16th	12	0.6	29th
Total	42	1.2	29th	21	7.1	15th	63	1.6	24th

Kentucky AIDS Deaths ⁽¹⁾ 2000 - Age Group 25-44									
	White			African American			Total		
	Deaths	Rate ⁽²⁾	Rank ⁽³⁾	Deaths	Rate ⁽²⁾	Rank ⁽³⁾	Deaths	Rate ⁽²⁾	Rank ⁽³⁾
Male	26	4.8	7th	13	29.0	5th	39	6.5	6th
Female	2	0.4	15th	3	6.5	6th	5	0.8	14th
Total	28	2.6	9th	16	17.6	5th	44	3.6	9th

(1) Vital Statistics data provided by the Surveillance & Health Data Branch of the Division of Epidemiology & Health Planning

(2) Rate per 100,000 population

(3) Refers to the leading causes of death in the state of Kentucky

CUMULATIVE ⁽¹⁾ AIDS CASES BY AGE AT DIAGNOSIS, RACE, AND GENDER 12/31/02									
Age Group		White		African American		Other		TOTAL	
		No.	%	No.	%	No.	%	No.	% ⁽²⁾
MALE	<13	8	0%	8	1%	0	0%	16	0%
	13-19	17	1%	4	0%	1	1%	22	1%
	20-29	415	18%	146	16%	18	25%	579	17%
	30-39	1120	47%	405	45%	38	53%	1563	47%
	40-49	586	25%	260	29%	11	15%	857	26%
	>49	222	9%	74	8%	4	6%	300	9%
	TOTAL	2368	100%	897	100%	72	100%	3337	100%
FEMALE	<13	7	3%	6	2%	0	0%	13	2%
	13-19	4	1%	2	1%	0	0%	6	1%
	20-29	64	24%	56	23%	7	33%	127	24%
	30-39	108	40%	109	45%	8	38%	225	42%
	40-49	50	19%	51	21%	3	14%	104	20%
	>49	34	13%	18	7%	3	14%	55	10%
	TOTAL	267	100%	242	100%	21	100%	530	100%

(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) Percentages may not total to 100 due to rounding.

KENTUCKY AIDS CASES ⁽¹⁾ , LIVING AND DECEASED, AS OF 12/31/02				
Diagnosis Year	Total Cases	Living	Deceased	Case Fatality Rate ⁽²⁾
1982	3	0	3	100%
1983	6	0	6	100%
1984	15	0	15	100%
1985	32	0	32	100%
1986	41	1	40	98%
1987	72	5	67	93%
1988	127	5	122	96%
1989	169	20	149	88%
1990	191	25	166	87%
1991	225	38	187	83%
1992	295	70	225	76%
1993	314	102	212	68%
1994	323	153	170	53%
1995	337	210	127	38%
1996	339	253	86	25%
1997	280	223	57	20%
1998	247	194	53	21%
1999	232	194	38	16%
2000	212	179	33	16%
2001	223	211	12	5%
2002	184	178	6	3%
TOTAL	3867	2061	1806	47%

(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) The case fatality rate is the percentage of AIDS cases diagnosed in a year which are deceased.

CUMULATIVE AIDS STATISTICS FOR KENTUCKY AND THE UNITED STATES

KENTUCKY AIDS CASES REPORTED AS OF 12/31/02		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	3,337	86%
Female	530	14%
Unknown	0	0%
TOTAL	3,867	100%
AGE AT DIAGNOSIS		
<13	29	1%
13-19	28	1%
20-29	706	18%
30-39	1,788	46%
40-49	961	25%
>49	355	9%
Unknown	0	0%
TOTAL	3,867	100%
RACE		
White	2,635	68%
African-American	1,139	29%
Other	93	2%
Undetermined	0	0%
TOTAL	3,867	100%
RISK		
MSM ⁽²⁾	2,156	56%
IDU ⁽³⁾	483	12%
MSM/IDU	222	6%
Hemophiliac	87	2%
Heterosexual	428	11%
Transfusion	43	1%
Perinatal	24	1%
Undetermined	424	11%
TOTAL	3,867	100%

(1) Percentages may not always total 100% due to rounding

(2) MSM=Men Having Sex with Men

(3) IDU=Injecting Drug User

UNITED STATES AIDS CASES ⁽⁴⁾ REPORTED AS OF 12/31/01		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	670,687	82%
Female	145,461	18%
Unknown	1	0%
TOTAL	816,149	100%
AGE AT DIAGNOSIS		
<13	9,074	1%
13-19	4,428	1%
20-29	133,725	16%
30-39	362,021	44%
40-49	216,387	27%
>49	90,513	11%
Unknown	1	0%
TOTAL	816,149	100%
RACE		
White	343,889	42%
African-American	313,180	38%
Other	158,446	19%
Undetermined	634	0%
TOTAL	816,149	100%
RISK		
MSM ⁽²⁾	368,971	45%
IDU ⁽³⁾	201,326	25%
MSM/IDU	51,293	6%
Hemophiliac	5,528	1%
Heterosexual	90,131	11%
Transfusion	9,352	1%
Perinatal	8,284	1%
Undetermined	81,264	10%
TOTAL	816,149	100%

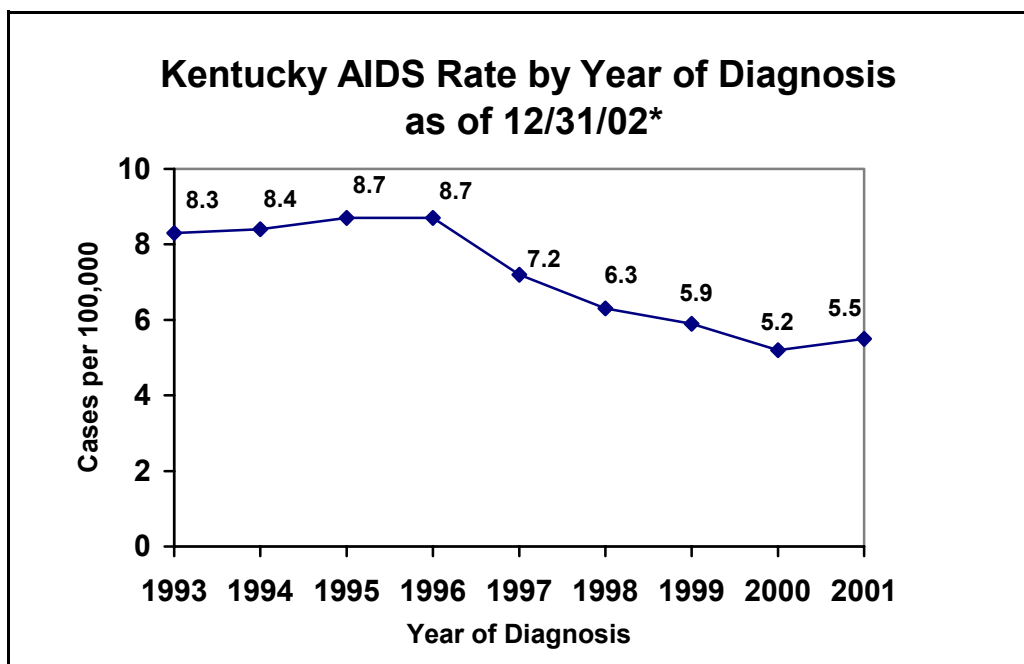
(4) U.S. Cases from Centers for Disease Control and Prevention. *HIV/AIDS Surveillance Report*, 2001;13(No.2)

Kentucky closely parallels the US percentage of AIDS cases by gender and age at diagnosis. Compared to US data, the percentage of white cases reported is greater in Kentucky. One possible explanation for this is the greater percentage of White persons in Kentucky's general population compared to the US population. In addition, a greater percentage of Kentucky AIDS cases report their mode of exposure to be Men Having Sex with Men (MSM) compared to US AIDS cases.

Annual AIDS Rate per 100,000 A Comparison of Kentucky to Other States Year of Report 2001

<u>Rank</u>	<u>State</u>	<u>Rate</u>
1	District of Columbia	152.1
2	New York	39.3
3	Maryland	34.6
4	Florida	31.3
5	Delaware	31.1
*	*	*
*	*	*
26	Kentucky	8.2

US RATE = 14.3



*Data are current as of 12/31/02 however data for 2002 are provisional due to reporting delays and are not presented in trend analysis.

Compared to other states, Kentucky ranked 26th in the number of AIDS cases reported in the year 2001. The AIDS incidence rate in Kentucky, based on year of diagnosis, declined 40% from 1996 to 2000. For the year 2001 a slight increase in the AIDS incidence rate was observed in Kentucky. This trend will continue to be monitored as more data become available.

CUMULATIVE AIDS CASES ¹										
BY										
COUNTY OF RESIDENCE AT TIME OF DIAGNOSIS										
County	Total AIDS Cases ⁽²⁾	Living With AIDS		County	Total AIDS Cases	Living With AIDS		County	Total AIDS Cases	Living With AIDS
Adair	≤5	≤5		Grant	11	≤5		McLean	≤5	≤5
Allen	7	≤5		Graves	20	8		Meade	12	9
Anderson	7	≤5		Grayson	8	≤5		Menifee	≤5	≤5
Ballard	6	≤5		Green	≤5	≤5		Mercer	15	7
Barren	19	≤5		Greenup	10	≤5		Metcalfe	≤5	≤5
Bath	≤5	≤5		Hancock	≤5	≤5		Monroe	11	7
Bell	10	7		Hardin	63	36		Montgomery	12	12
Boone	39	21		Harlan	9	≤5		Morgan	15	7
Bourbon	11	6		Harrison	7	≤5		Muhlenberg	21	9
Boyd	48	32		Hart	≤5	≤5		Nelson	13	≤5
Boyle	12	9		Henderson	34	21		Nicholas	≤5	≤5
Bracken	≤5	≤5		Henry	9	≤5		Ohio	6	≤5
Breathitt	≤5	≤5		Hickman	≤5	≤5		Oldham	108	66
Breckinridge	6	≤5		Hopkins	28	9		Owen	≤5	≤5
Bullitt	14	8		Jackson	≤5	≤5		Owsley	≤5	≤5
Butler	≤5	≤5		Jefferson	1621	824		Pendleton	≤5	≤5
Caldwell	11	6		Jessamine	14	7		Perry	10	7
Calloway	16	7		Johnson	≤5	≤5		Pike	20	11
Campbell	69	33		Kenton	181	85		Powell	≤5	≤5
Carlisle	≤5	≤5		Knott	≤5	≤5		Pulaski	29	15
Carroll	≤5	≤5		Knox	8	≤5		Robertson	≤5	≤5
Carter	≤5	≤5		Larue	≤5	≤5		Rockcastle	≤5	≤5
Casey	≤5	≤5		Laurel	16	8		Rowan	6	≤5
Christian	57	35		Lawrence	≤5	≤5		Russell	≤5	≤5
Clark	14	9		Lee	≤5	≤5		Scott	20	14
Clay	20	17		Leslie	≤5	≤5		Shelby	22	14
Clinton	≤5	≤5		Letcher	13	6		Simpson	6	≤5
Crittenden	≤5	≤5		Lewis	9	6		Spencer	≤5	≤5
Cumberland	≤5	≤5		Lincoln	8	≤5		Taylor	≤5	≤5
Daviess	62	32		Livingston	9	≤5		Todd	15	10
Edmonson	≤5	≤5		Logan	16	7		Trigg	6	≤5
Elliott	≤5	≤5		Lyon	13	≤5		Trimble	6	≤5
Estill	≤5	≤5		Madison	33	17		Union	12	6
Fayette	550	324		Magoffin	≤5	≤5		Warren	58	20
Fleming	≤5	≤5		Marion	6	≤5		Washington	≤5	≤5
Floyd	10	8		Marshall	9	7		Wayne	≤5	≤5
Franklin	41	22		Martin	≤5	≤5		Webster	6	≤5
Fulton	≤5	≤5		Mason	11	6		Whitley	15	8
Gallatin	≤5	≤5		McCracken	87	48		Wolfe	≤5	≤5
Garrard	≤5	≤5		McCreary	≤5	≤5		Woodford	17	13

(1) For confidentiality purposes, cases less than or equal to 5 are not listed.

(2) Total cases both living and deceased

AIDS CASES AND RATES BY YEAR OF DIAGNOSIS AND AREA DEVELOPMENT DISTRICT OF RESIDENCE AT TIME OF DIAGNOSIS										
DISTRICT	CASES & RATES ⁽¹⁾	1982-96	1997	1998	1999	2000	2001	2002	TOTAL CASES ⁽²⁾	%
1. Purchase	Cases	86	8	12	13	9	11	8	147	4%
	Rate per 100,000		4.2	6.3	6.8	4.7	5.7			
2. Pennyrite	Cases	114	9	10	5	11	6	6	161	4%
	Rate per 100,000		4.2	4.7	2.3	5.1	2.8			
3. Green River	Cases	79	8	12	7	9	6	3	124	3%
	Rate per 100,000		3.9	5.8	3.4	4.3	2.9			
4. Barren River	Cases	91	7	5	8	4	4	7	126	3%
	Rate per 100,000		2.9	2.0	3.3	1.6	1.6			
5. Lincoln Trail	Cases	66	12	7	5	8	5	8	111	3%
	Rate per 100,000		5.2	2.9	2.1	3.3	2.1			
6. North Central	Cases	1125	138	112	119	92	103	94	1783	46%
	Rate per 100,000		16.6	13.4	14.1	10.6	11.8			
7. Northern Kentucky	Cases	242	17	10	11	9	11	9	309	8%
	Rate per 100,000		4.6	2.7	2.9	2.3	2.8			
8. Buffalo Trace	Cases	14	3	5	1	1	2	1	27	1%
	Rate per 100,000		5.5	9.1	1.8	1.8	3.6			
9. Gateway	Cases	25	2	1	3	1	2	4	38	1%
	Rate per 100,000		2.8	1.4	4.1	1.3	2.6			
10. FIVCO	Cases	49	3	8	2	3	2	2	69	2%
	Rate per 100,000		2.2	5.9	1.5	2.2	1.5			
11. Big Sandy	Cases	26	5	3	3	0	1	0	38	1%
	Rate per 100,000		3.0	1.8	1.8	0.0	0.6			
12. Kentucky River	Cases	21	2	3	1	1	2	5	35	1%
	Rate per 100,000		1.6	2.4	0.8	0.8	1.7			
13. Cumberland Valley	Cases	48	5	9	5	4	9	5	85	2%
	Rate per 100,000		2.1	3.8	2.1	1.7	3.8			
14. Lake Cumberland	Cases	37	3	5	0	2	6	1	54	1%
	Rate per 100,000		1.6	2.6	0.0	1.0	3.1			
15. Bluegrass	Cases	466	58	45	49	58	53	31	760	20%
	Rate per 100,000		9.0	6.9	7.4	8.5	7.7			
TOTAL CASES		2489	280	247	232	212	223	184	3867	100%

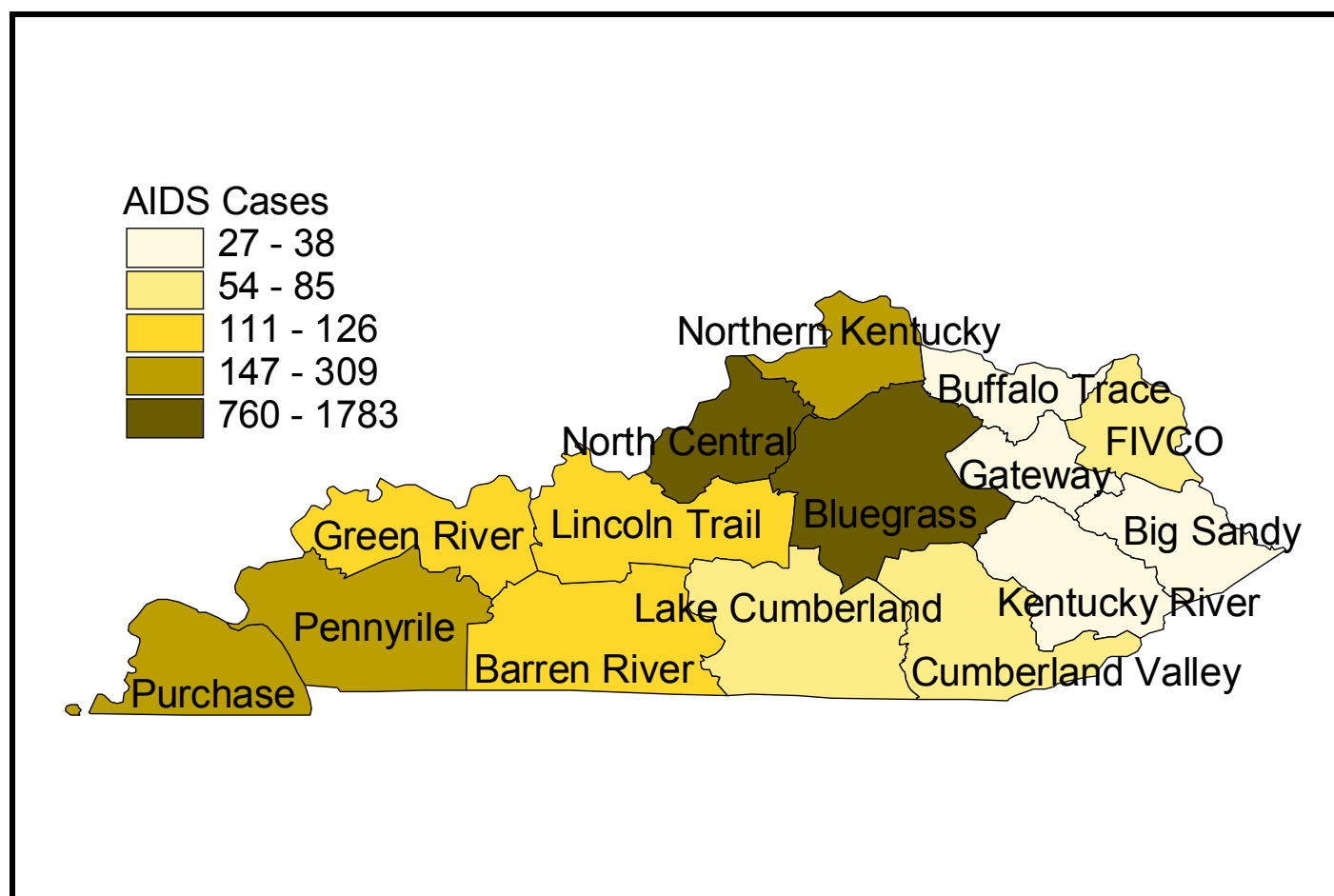
(1) Rates are only listed for years of diagnosis 1997 - 2001. Data for 2002 are provisional due to reporting delay therefore rates are not presented.

Rates for 2001 are based on 2000 population estimates.

(2) Total AIDS Cases both Living and Deceased.

Counties In Each Area Development District	
1.	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall
2.	Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
3.	Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
4.	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
5.	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
6.	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
7.	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
8.	Bracken, Fleming, Lewis, Mason, Robertson
9.	Bath, Menifee, Montgomery, Morgan, Rowan
10.	Boyd, Carter, Elliott, Greenup, Lawrence
11.	Floyd, Johnson, Magoffin, Martin, Pike
12.	Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
13.	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
14.	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
15.	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

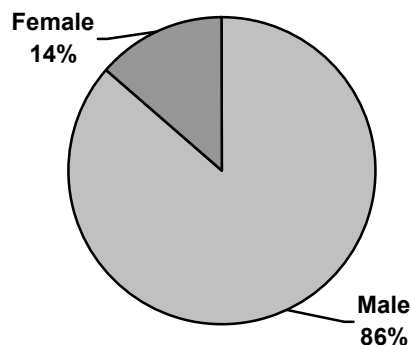
AIDS in Kentucky
Cumulative AIDS Cases by Area Development District
December 31, 2002



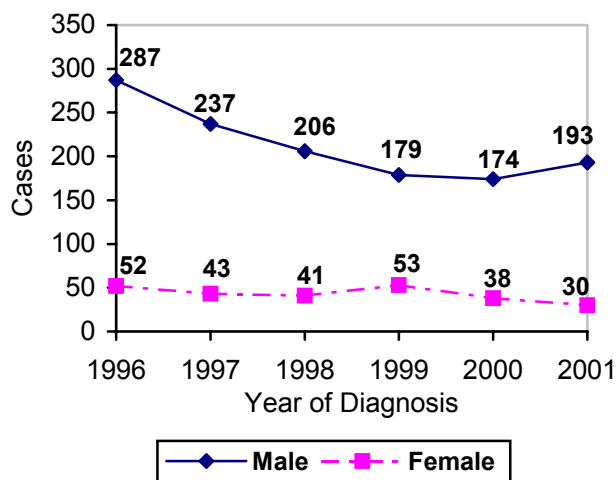
The largest percentage of AIDS cases, 46%, stated that the North Central Area Development District (ADD), which includes Louisville, was their ADD of residence at the time of diagnosis. The next highest percentage, 20%, resided in the Bluegrass ADD, which includes Lexington, followed by Northern Kentucky at 8%.

GENDER

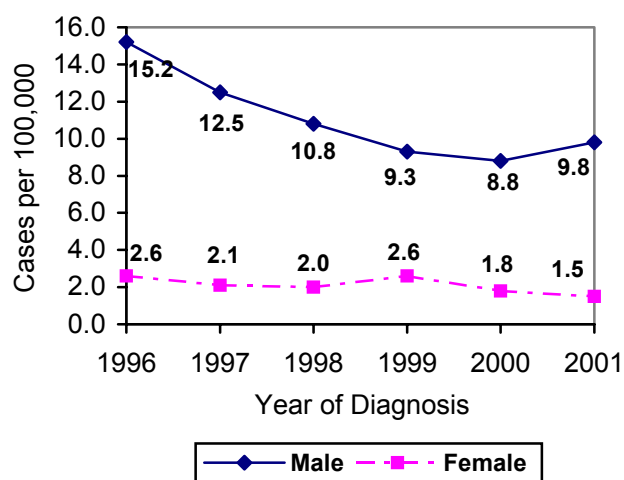
**Percentage of Cumulative Kentucky
AIDS Cases by Gender,
N=3,867**



**Kentucky AIDS Cases
by Gender and Year of Diagnosis
as of 12/31/02***



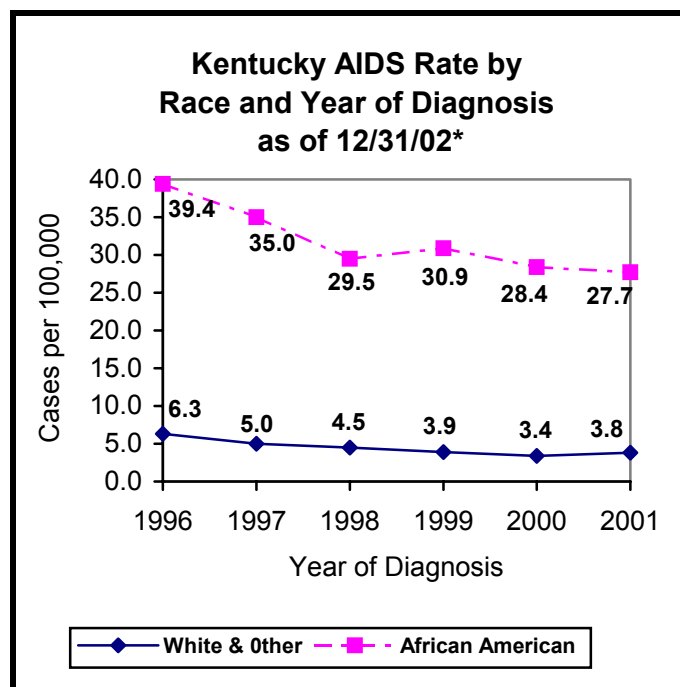
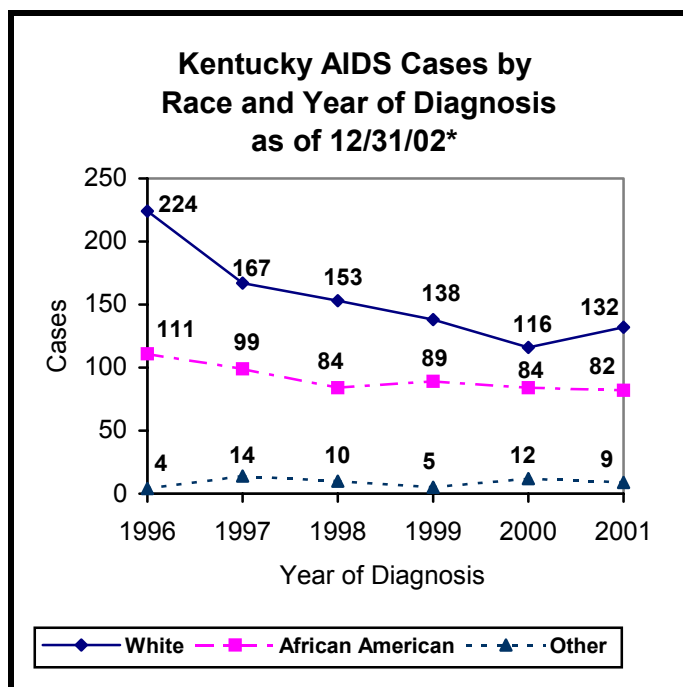
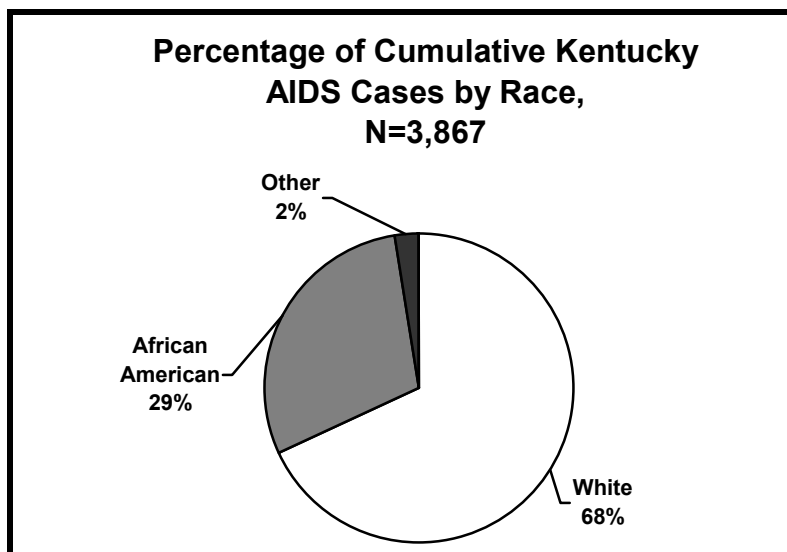
**Kentucky AIDS Rate
by Gender and Year of Diagnosis
as of 12/31/02***



*Data are current as of 12/31/02 however data for 2002 are provisional due to reporting delays and are not presented in trend analysis.

Approximately 86% of all Kentucky AIDS cases reported are male. The male AIDS rate is approximately 5 times higher than the female rate. Diagnosed AIDS cases among males increased 11% from 174 cases diagnosed in 2000 to 193 cases diagnosed in 2001. An 11% increase was also observed in the AIDS incidence rate for males in the year 2001.

RACE

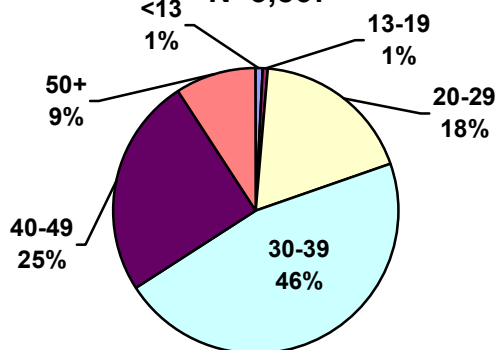


*Data are current as of 12/31/02 however data for 2002 are provisional due to reporting delay and are not presented in trend analysis.

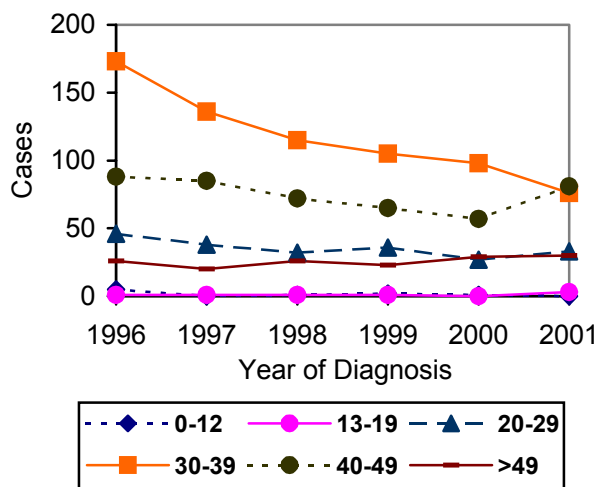
The majority of Kentucky AIDS cases, 68%, are white. African Americans comprise 29% of AIDS cases reported. Hispanics comprise the majority of the "Other" category. African Americans are disproportionately affected by the AIDS epidemic in Kentucky. The AIDS rate for African Americans is approximately 6 times higher than for Whites/Others. Diagnosed AIDS cases among Whites increased 14% from 116 cases diagnosed in 2000 to 132 cases diagnosed in 2001.

AGE AT DIAGNOSIS

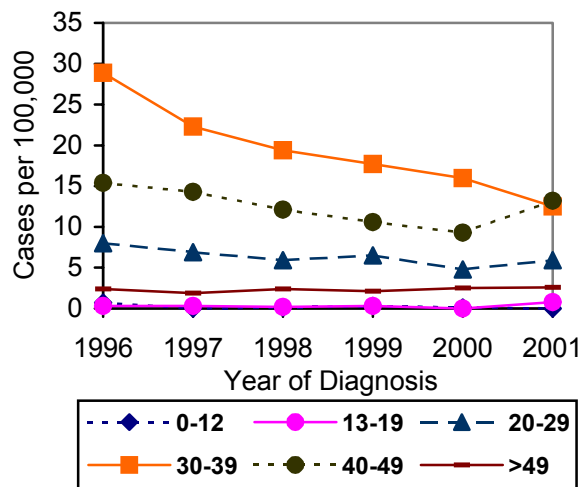
Percentage of Cumulative Kentucky AIDS Cases by Age at Time of Diagnosis, N=3,867



Kentucky AIDS Cases by Age Group and Year of Diagnosis as of 12/31/02*



Kentucky AIDS Rate by Age Group and Year of Diagnosis as of 12/31/02*

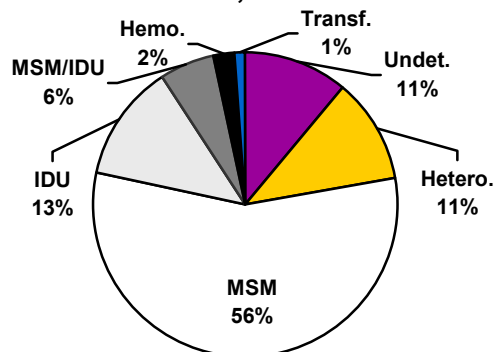


*Data are current as of 12/31/02 however data for 2002 are provisional due to reporting delays and are not presented in trend analysis.

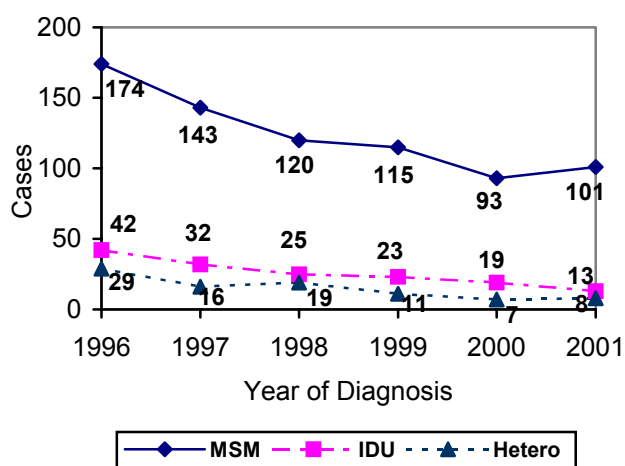
The largest percentage of Kentucky AIDS cases, 46%, are diagnosed in their thirties. The next highest percentage of AIDS cases is among adults in their forties at 25%, followed by adults in their twenties at 18%. An increase in the AIDS rate among persons aged 40-49 at time of diagnosis was observed for the year 2001.

MODE OF EXPOSURE/ RISK

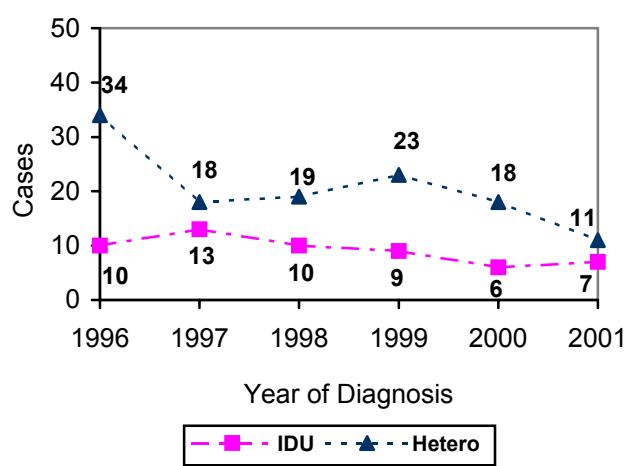
**Percentage of Cumulative Kentucky
Adult/Adolescent AIDS Cases
by Mode of Exposure,
N=3,838**



**Kentucky Adult/Adolescent AIDS
Cases by Mode of Exposure
and Year of Diagnosis
MALE - 12/31/02***



**Kentucky Adult/Adolescent AIDS
Cases by Mode of Exposure
and Year of Diagnosis
FEMALE - 12/31/02***



*Data are current as of 12/31/02 however data for 2002 are provisional due to reporting delays and are not presented in trend analysis.

Among Kentucky Adult/Adolescent AIDS cases, the majority report Men Having Sex with Men (MSM) to be their main mode of exposure at 56%. The next highest risk factor is Injecting Drug Use (IDU) at 13% followed by Heterosexual contact at 11%. In the year 2001, among males, an increase in diagnosed AIDS cases with the risk factor of MSM was observed.